Publisher Correction: On the role of ocular torsion in binocular visual matching

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Abstract: An amendment to this paper has been published and can be accessed via a link at the top of the paper.

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Publisher Correction: On the role of ocular torsion in binocular visual matching

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Correction to: *Scientific Reports* https://doi.org/10.1038/s41598-018-28513-8, published online 13 July 2018

This Article contains typographical errors in the Discussion section where,

"This surface of binocular corresponding points in the visual field is a quadratic surface, as already assumed by Helmholtz[17] hundred and fifty years ago (Fig. 8)."

should read:

"This surface of binocular corresponding points in the visual field is a quadratic surface, as already assumed by Helmholtz[23] hundred and fifty years ago (Fig. 8)."

Additionally,

"The iso-torsion contours on this surface (sketched for ±1° and ±2° torsion for each eye) cannot be obtained by intersecting it with a plane, a technique that Helmholtz used to determine his twisted cubic horopter curve[17], because these curves have fractional exponents."

should read:

"The iso-torsion contours on this surface (sketched for ±1° and ±2° torsion for each eye) cannot be obtained by intersecting it with a plane, a technique that Helmholtz used to determine his twisted cubic horopter curve[23], because these curves have fractional exponents."

In addition, this Article contains an error in Equation 1b.

$$\hat{g}_b = R_F \hat{d}_b R_F^{-1} = Q_b \hat{e}_1 + \{S_b \cos\xi_b + R_b \sin\xi_b\}\hat{e}_2 - \{R_b \cos\xi_a - S_b \sin\xi_b\}\hat{e}_3$$

should read:

$$\hat{g}_b = R_F \hat{d}_b R_F^{-1} = Q_b \hat{e}_1 + \{S_b \cos\xi_b + R_b \sin\xi_b\}\hat{e}_2 - \{R_b \cos\xi_b - S_b \sin\xi_b\}\hat{e}_3$$

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